

Household Hazardous Material Collection Day (HHMCD) 2003

What is this event?

This event was held at three locations on Saturday November 8, 2003. It was provided as a community service by manufacturers in the St. Charles, St. John and St. James Parishes.

This is the sixth year for HHMCD in St. Charles and St. James and the first event for St. James Parish. This was also the third year which featured scrap metal and the second that collected used electronics. A yearly comparison of the events is provided in tabulations below. The purpose of the event was to provide households an opportunity to properly dispose or recycle materials that are inappropriate for curbside pickup. Materials such as solvents, poisons, used oil and corrosives require special handling to prevent safety and environmental impact.

Patrons of these events drove their vehicles to the collection centers where they were greeted and their cars were unloaded by volunteers. Approximately 300 vehicles dropped off a total of 71,000 pounds of material. The events were staffed by 155 volunteers.

This is a picture of workers emptying paint cans to bulk the paint, enabling both the paint and the empty cans to be recycled.



What Were the Results?

At the end of the day, tons of potentially harmful materials had been prepared for recycling, recovery, treatment or disposal.

Material	Units	Destrehan	LaPlace	Gramercy	Total	estimated lb/unit	estimated weight, lb
RECYCLED							
Tires	each	244	35	59	338	25	8450
Used Oil	gallons	878	236	217	1331	7.5	9983
Fluorescent tubes	each	87	43	25	155	1	155
Batteries	each	28.45	64.05	54.81	147.31	38	5598
Recyclable Paint	gallons	80	40	75	195	8.3	1619
Scrap Metal	pounds	2037	4060	1120	7217	1	7217
Used Electronics	items	59	29	17	105	27	2856
TOTAL Recycled							35876

The table below gives the totals for HHMCD in its 6-year history. The numbers are for St. Charles, St. John (plus for the first time this year) St. James Parish collections.

Management Method	Quantity, pounds					
	1998	1999	2000	2001	2002	2003
RECYCLE	12,332	19,932	43,409	43,792	35,192	35,876
Tires	5,050	9,525	25,925	11,750	4,750	8,450
Used Oil	3,075	3,908	5,325	8,212	5,520	9,983
Fluor. Tubes	88	57	59	44	251	155
Batteries	3,040	3,952	5,776	7,524	6,536	5,598
Paint	1,079	2,490	2,324	3,112	2,075	1,619
Scrap Metal			4,000	13,149	10,300	7,217
Used Electronics					5,760	2,856
RECOVERY	1,912	8,473	8,734	7,277	6,668	6,905
TREATMENT	1,169	2,348	2,197	1,815	1,832	3,547
DISPOSAL	14,095	24,021	6,443	14,287	3,819	25,110
TOTAL	29,508	54,774	60,783	67,171	47,511	71,438
Volunteers	64	76	78	93	105	155
Cars	160	210	278	351	268	298

Who Was Involved?

The collection event was staffed and supported by area volunteers from the sponsor companies and interested organizations. They included the following:

Sponsor Companies – organized and provided financing for HHMCD

Air Liquide	Kaiser Aluminum
Air Products	Koch
Cargill	Marathon Ashland Petroleum LLC
Chevron Phillips	Monsanto Company
Crompton Corporation	Motiva Enterprises LLC
CS Metals	Occidental Chemical Corp.
degussa.	Ondeo Nalco Chemical Co.
Dow	Resolution Performance Products LLC
DuPont	Shell
DuPont Dow Elastomers	Southern Scrap Recycling
Enterprise Products	St. James CAER
Ergon-St. James	Valero Energy Corporation
IMC	

Other Organizations who provided volunteers

Green Project
Philip Services Corp.
Louisiana Department of Agriculture and Forestry

Support Organizations

Louisiana Dept. of Environmental Quality
St. Charles Parish Council
St. Charles Parish Sheriff's Office
St. James Parish Office of Emergency Preparedness
St. James Parish Council

St. James Parish Sheriff's Office
St. John Parish Council
St. John Parish Sheriff's Office

Companies/Organizations Donating Recycling Support Services

Computers for Louisiana Kids ("CLK") Program; Corporate Recycling Council
Green Project
Lamp Recyclers
LaPlace Battery
St. Charles Parish Dept. of Public Works
St. James Parish Dept. of Public Works
St. John Parish Dept. of Public Works
US Filter

Company Providing Professional Waste Management Services

Philip Services Corporation